

IN THE CLAIMS:

Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

1-10. Cancelled

11. Cancelled.

12. Cancelled.

13. Cancelled.

14. Cancelled.

15. (Allowed) A nickel-based alloy comprising:

gadolinium at from about 0.1% to 10% by weight;
chromium at from about 13% to 24% by weight;
molybdenum at from about 1.5% to 16% by weight;
iron at from about 0.01% to 6% by weight;
residual amounts of manganese, phosphorus, sulfur, silicon, carbon, and
nitrogen;
a balance of material substantially comprising nickel; and
the nickel-based alloy being in a wrought state.

16. (Allowed) A nickel-based alloy as in claim 15 wherein the iron is present at from about 0.01% to 3% by weight.

17. (Allowed) A nickel-based alloy as in claim 15 wherein the chromium is present at from 20% to 24% by weight, and the molybdenum is present at from about 14% to 16% by weight.

18. (Allowed) A nickel-based alloy as in claim 15 wherein the gadolinium is present at from about 0.1% to 3% by weight.

19. (Allowed) A nickel-based alloy as in claim 15 wherein the nickel-based alloy is configured as an internal.

20. (Allowed) A nickel-based alloy as in claim 15 wherein the nickel-based alloy is configured as a canister.

21. (Cancelled)

22. (Cancelled)

23. (Allowed) A nickel-based alloy comprising:

gadolinium at from about 0.1% to 10% by weight;

chromium at from about 20% to 24% by weight;

molybdenum at from about 14% to 16% by weight;

iron at from about 0.01 to 6% by weight;

residual amounts of manganese, phosphorus, sulfur, silicon, carbon, and nitrogen; and

a balance of material substantially comprising nickel wherein the nickel is present at greater than 50% by weight.

24. (Cancelled)

25. (Allowed) A nickel-based alloy comprising:

gadolinium at from about 0.1% to 10% by weight;

chromium at from about 13% to 24% by weight;

molybdenum at from about 1.5% to 16% by weight;

iron at from about 0.01 to 6% by weight;

residual amounts of manganese, phosphorus, sulfur, silicon, carbon, and nitrogen; and

a balance of material substantially comprising nickel wherein the nickel is present at greater than 50% by weight, wherein the nickel-based alloy is configured as an internal.

26. (Allowed) A nickel-based alloy comprising:

gadolinium at from about 0.1% to 10% by weight;

chromium at from about 13% to 24% by weight;

molybdenum at from about 1.5% to 16% by weight;

iron at from about 0.01 to 6% by weight;

residual amounts of manganese, phosphorus, sulfur, silicon, carbon, and nitrogen; and

a balance of material substantially comprising nickel wherein the nickel is present at greater than 50% by weight, wherein the nickel-based alloy is configured as a canister.